



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8244

SERIAL NUMBER 10/712,168	FILING DATE 11/12/2003  RULE	CLASS 360	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. HSJ920030108US1 (HITG.044)	
<b>APPLICANTS</b> James Mac Freitag, San Jose, CA; Mustafa Michael Pinarbasi, Morgan Hill, CA; ** CONTINUING DATA ..... <i>Ac</i> ..... ** FOREIGN APPLICATIONS ..... <i>re</i> ..... IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/20/2004					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <i>[Signature]</i> <i>re</i> Examiner's Signature Initials		STATE OR COUNTRY CA	SHEETS DRAWING 11	TOTAL CLAIMS 17	INDEPENDENT CLAIMS 7
<b>ADDRESS</b> 51298 CRAWFORD MAUNU PLLC 1270 NORTHLAND DRIVE SUITE 390 ST. PAUL, MN 55120					
<b>TITLE</b> Method and apparatus for providing magnetostriction control in a freelay of a magnetic memory device					
FILING FEE  RECEIVED 1114	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		